

RETI Phase 2 Work Group  
Draft Meeting Notes  
November 19, 2008

The RETI Phase 2 Work Group met at the CEC in Sacramento on November 19, 2008, beginning at 10:00 AM. Attendees listed below. Draft notes compiled by Dave Olsen.

The Work Group took the following action:

- **Established two work groups.** The **Conceptual Planning Work Group** will develop a statewide plan for upgrading the grid capable of delivering 33% renewable energy to consumers. Co-chairs are Gary DeShazo (CAISO) and Mo Beshir (LADWP). Members include: Dariush Shirmohammadi (Wind), Juan Carlos Sandoval (IID), Jan Strack (SDG&E), Tom Flynn (CPUC), Jon Eric Thalman (PG&E), Joe Tarantino (SMUD), Mark Hesters (CEC), Lee Terry (DWR) and John Forman (TANC). Dave Olsen will coordinate.

The **CREZ Refinement Work Group** will identify and evaluate barriers to project development in CREZ identified in Phase 1, confirm CREZ generation potential, and recommend changes to boundaries as appropriate. Co-chairs are Carl Zichella (Sierra Club) and Johanna Wald (NRDC). Members include: Mike DeAngelis (SMUD), Faramarz Nabavi (Wind), Roger Johnson and James Reed (CEC) and Billie Blanchard (CPUC). John Moore will observe. Rich Ferguson will coordinate.

Both work groups will convene on the same day, working jointly at the beginning and end of meeting days in order to stay closely informed of each other's work and to keep focused on preparation of the Phase 2 report. The transmission plan in this report must be based on a more accurate evaluation of the generation potential of CREZ, as confirmed and adjusted after taking detailed environmental, permitting and other developability issues into account.

**Conceptual Planning Work Group**

- **Agreed to use SCE-suggested CREZ connection plan as a starting point** for considering how the Southern California grid might be upgraded to access CREZ in that region.
- **Agreed to further update base CREZ map.** CEC will produce one map covering the entire state, in addition to the Southern California and Northern California CREZ maps. Transmission providers will send files on their proposed projects to Roger Johnson at the CEC to be added to the base map we'll use in Phase 2 planning, as follows:
  - a. SCE will provide its CREZ connection proposal
  - b. LADWP, Green Path North; Barren Ridge
  - c. PG&E, C3ETP, Carrizo and Canada-Bay Area projects

- **Agreed to improve Phase 2 guidance document for SSC consideration at its Nov. 24 meeting.** Send suggested edits to this draft document expanding or clarifying Phase 2 work to Rich Ferguson and Dave Olsen, with copies to the entire Work Group, by Noon on Nov. 21. Rich/Dave will revise and present to the SSC at its Nov. 24 meeting.
- **Proposed two conceptual planning approaches**, without fully reconciling them:
  - a) Don't prioritize CREZ early. Instead, evaluate effect of connecting all 30 CREZ, while waiting for more information on CREZ developability.  
Approach: Take 5% of MWh from each CREZ and evaluate the effects, e.g., how much power can be added to existing system without upgrades; what an upgrade plan might entail, etc.; then evaluate effects of 10% of CREZ output added to the grid, and so on, up to 50% of the potential output of each CREZ.
  - b) Develop CREZ connection scenarios, assuming 50% of the MWh output of each CREZ estimated in Phase 1 will be developed. Start with the first ten CREZ, in economic rank order. Identify corridors for connecting these. Document the advantages and limitations of connection alternatives, considering concentration of power in corridors and at gateway substations, flexibility to accommodate uncertain timing of generation development, etc.
- **Considered, but did not resolve, whether and at what point load flow studies on a CREZ connection plan should be conducted.**

### **CREZ Refinement Work Group**

- Recruit BLM and DFG staff to join CREZ Refinement Work Group.
- Research ownership of parcels in Fairmont CREZ to determine the extent to which ownership data will be available for use in RETI. Use this learning to determine the extent to which ownership fragmentation is manageable or not, as a barrier to project developability. Get advice from generators on this issue.
- **Next Meeting.** December 3, at CEC in Sacramento, 10:00 AM-4:00 PM. Roger Johnson and Mark Hesters of CEC to confirm availability of meeting space at the CEC that day.

The meeting was adjourned at 4:10 PM.

### **Work Group Members Attending**

PG&E	John Eric Thalman
SDG&E	Jan Strack
SCE	Shashi Pandey
SMUD	Joe Tarantino, Mike DeAngelis
LADWP	Mo Beshir
IID	Juan Carlos Sandoval
CAISO	Gary DeShazo
Sierra Club	Carl Zichella

Wind	Darius Shirmohammadi, Faramarz Navabi
CPUC	Billie Blanchard, Tom Flynn
CEC	Roger Johnson, Mark Hesters

**Observers**

CAISO	Robin Smutny-Jones
CEC	James Reed
DWR	Lee Terry
Navigant/ TANC	John Forman
CEERT	Ryan Drobek
Interested Citizen	John Moore

**Coordinators:**

Rich Ferguson, Dave Olsen – CEERT